

ROTHBURY
RURAL DISTRICT COUNCIL.



REPORT
OF THE
MEDICAL OFFICER
FOR THE
Year Ending December 31st, 1906.



ROTHBURY :
N. SNAITH, PRINTER AND STATIONER.

Rothbury Rural District Council.

ANNUAL REPORT

OF THE

MEDICAL OFFICER

For the Year Ending December 31st, 1906.

ROTHBURY,

JANUARY 31ST, 1907.

TO THE ROTHBURY RURAL DISTRICT COUNCIL.

LORD ARMSTRONG AND GENTLEMEN,

Allow me to present you with this the Annual Report for the year ending December 31st, 1906, it being my eleventh to the Rural District Council.

During the year there were registered 135 births, of which 70 were males and 65 females, being a good deal over your average of 114. If we estimate the population as 4,915 at the middle of 1906, this is at a rate of 27·5 per 1,000 per annum. Your previous average having been 24·2. That for England and Wales (Rural districts for 1906) is 26·3.

They were registered during the first quarter, 31; the second, 45; the third, 17; and the last, 42. Rothbury and Netherwitton showed the largest increase; both, doubtless, in large part due to the extension of the Waterworks. Whittingham and Alwinton both showed a slight decline. There were 126 legitimate births and 9 illegitimate.

The total number of deaths registered was 67, which is at a rate of 13·6, which compares very favourably with your previous average of 15·0. That for England and Wales is 15·0 for 1906. As, however, three of these were strangers who died in the district whilst visiting in it, it follows that really only 64 belonged to the district, and this is at a rate of only 13·0 per 1,000 for residents, as compared with your previous average of 14·1. Of these 64, the males numbered 33 and the females 31. These deaths occurred as follows: during the month of January, 6; February, 5; March, 4; April, 4; May, 6; June, 2; July, 7, August, 9; September, 2; October, 4; November, 10; December, 5.

As the total number of births was 135 and the deaths 64, it follows that the difference of 71 was naturally added to the population. This is at a rate of 14·3, and is a considerable improvement upon your previous average 9·5. That for England and Wales is about 12·0.

The total number of births was 135, and of these it appears that 10 died whilst under one year of age, and hence in infancy. This affords an infantile death rate of 74·0 upon every 1,000 born. This is a great improvement upon the average of 97·0, and also greatly upon that for England and Wales of 115·0. Of the ten infants that died, only one was illegitimate.

The different age periods at which these deaths occurred were as follows: under one year of age, 10; one and under five, 2; five and under 15, 0; 15 and under 25, 2; 25 and under 65, 25; and above that, 25. Of these latter, 11 were over 80 years of age (six of them being over 86, two being 88), 13 others were over 70, and one more over 65.

The following table shows the number of deaths that occurred in each of the several Ecclesiastical Parishes (or parts of such), as are contained in the Rural District, together with the death rate per 1,000, as calculated on their existing populations.

			Deaths. Rate.				Deaths. Rate.
Rothbury (Rural part of				Alnham and Brinkburn			3— 8·3
Parish)	...	...	16—11·0	Cambo and Elsdon	...		6—10·5
Alwinton	...	...	14—16·3	Longhorsley and			
Whittingham	...	...	15—19·5	Netherwitton	...		3— 7·1
Long Framlington			7—14·6				

At Nunnykirk, it occurred in a child, aged 12 years, on February 1st. It was conveyed to her from Netherwitton. As the mother was about to be confined, the child was removed to the Isolation Hospital, and the other children also isolated there. The owner of Nunnykirk kindly bearing a large share of the expenses. The house was disinfected. The mother confined two days after, and recovered without any drawback. All returned in due time, and no more cases occurred. All was in a sanitary condition.

At Blagdon Burn, it broke out in a child, aged 11 years. She was at the Sports at the Forest Burn Gate on June 9th, and took ill on the 11th. Doubtless, it was contracted there, as there were many strangers present. Three other children in the house also took it. They were mild and all recovered. Isolation and disinfection being used. On inspection, the water supply is not satisfactory and the level of the drain rather doubtful. This has been brought to the Agent's notice.

At Brink Heugh, it broke out on May 6th, in the farm lad, who had been at Morpeth and Alnwick hirings. He was only slightly affected, and on May 8th, a child, aged 5 years, took it also slightly, and soon others also slightly. Only one was seen by a doctor and certified. Isolation and disinfection were carried out. On inspection, sanitary deficiencies were found and pointed out to the owner.

Erysipelas. Six cases were notified — 4 in Rothbury district, 1 in Alwinton, and 1 in Elsdon. All recovered. One was 78 years of age. Four were on the face and two on the leg.

The Isolation Hospital was used once, as mentioned, with such good results. A long felt need and requirement has been met by laying on a good spring-water supply to the hospital. The buildings have all been painted and thus will be better preserved. A caretaker was also advertised for, but there were no applications sent in for the post.

Your Board have come to a kindly and wise decision in agreeing to supply anti-diphtheria serum to residents in your district whom it may be considered are not quite able to pay for the same. It is to be used on the outbreak of Diphtheria in your district by medical men practising therein, and to be kept by your Medical Officer of Health, to whom application is to be made. I am issuing circulars to that effect, and have obtained the serum and means for injecting. This should have considerable effect in cutting short the outbreaks and save very valuable time and lives, protecting the district around.

ROTHBURY
URBAN DISTRICT COUNCIL.

REPORT
OF THE
MEDICAL OFFICER

FOR THE
Year Ending December 31st, 1906.



ROTHBURY :
N. SNAITH, PRINTER AND STATIONER.



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Rothbury Urban District Council.

ANNUAL REPORT OF THE MEDICAL OFFICER

For the Year Ending December 31st, 1906.

ROTHBURY,

JANUARY 28TH, 1907.

TO THE ROTHBURY URBAN DISTRICT COUNCIL.

LORD ARMSTRONG AND GENTLEMEN,

Permit me to submit to you this Annual Report, it being for the year ended December 31st, 1906, and the eleventh presented to your Board.

During the year there were registered, 24 Births as against 28 last year. Ten of these were males and 14 females. Estimating the population of 1906 at 1,340, this is at a rate of 18·0, which is a further falling off on your average of 22·0. The Birth rate for England and Wales (smaller Urban areas) was 26·5 for 1906. There were registered during the first quarter, 1; the second, 11; the third, 7; and the last, 5.

There were 20 deaths registered, but one of these was a stranger, leaving 19 belonging to the district. This is at a rate of only 14·18 and is satisfactory. That for England and Wales being 14·4. Your previous average was 15·4, this being a decided improvement. Of the 19 deaths, 7 were males and 12 females; and they occurred during January, 3; February, 4; March, 1; April, 3; May, 3; June, 0; July, 1; August, 2; September, 1; October, 0; November, 0; December, 1.

There being 24 births and 19 deaths, the difference of 5 was the number that was naturally added to the population during the year. This is small and only gives a rate of 3·73. That for England and Wales is about 12·0. Thus yours is a marked falling off, as is going on in all small areas and rural districts.

There was only one child that died whilst under 1 year of age, hence, in Infancy, and as there were 24 born, this gives a death rate per 1,000 born of only 41·66, which is very satisfactory. The average was 105·21, whilst that for England and Wales was 138·0. The cause of this death was convulsions.

The different age periods at which they occurred were : under one year, 1 ; five and under fifteen, 1 ; fifteen to twenty-five, 1 ; twenty-five to sixty-five, 7 ; and above that, 9. Of these latter, three were over 80 years, four others 70, the two others being over 65.

There were no deaths under the Zymotic or Epidemic class of diseases, such as are included in the seven chief ones, but one was due to Influenza, this being a female aged 68 years.

The chief causes of the other deaths were : Phthisis, 2 ; other tubercular diseases, 1. Bronchitis and Pneumonia together, caused 2 deaths, both being adults ; this caused a death rate of 1·5 per 1,000 for diseases of the chest, other than Phthisis. Cancer caused 1. Heart disease only 2, being considerably less than that of 7 for each of the two last years. Suicide (hanging), 1. Apoplexy, 3. Senile decay, 5. All other causes, 1.

There were five cases of Infectious disease notified, viz.:—Diphtheria, 1 ; Erysipelas, 2 ; Scarlet Fever, 2. There were no deaths due to any of these.

The Diphtheria occurred in a child aged 4 years. She was the child of a visitor lodging at the Bridge end. As there was evidence of a relation having it, and the family being in correspondence, I expect this was the cause. Disinfectants and isolation, with anti-diphtheria serum were used ; it did not spread, and the child recovered. The room being disinfected afterwards.

The Erysipelas patients were both females. In one case (for a second time) on the leg, the other on the face.

Two cases of Scarlet Fever were notified, one at the Pethfoot, on January 20th, a lad aged 8 years ; the other in the Model Buildings, on January 28th. It was carried from the one family to the other. A great deal of sanitary improvement was effected at the Pethfoot : the outside privy midden converted into a w.c., spouts properly trapped and renewed, and drainage provided. Isolation and disinfection being carried out. At the Model Buildings it became necessary for me to call again and caution the parents not to cause the exposure of the patient and sister.

Influenza kept occurring intermittently throughout the year.

German Measles were imported in June, and spread to a few families, continuing in July and August.

The stranger was a male, aged 36, who came on a visit with very advanced Bright's disease, and died here on August 5th.

An inquest was held upon the man who committed suicide by hanging himself at the Pondicherry, while temporarily insane.

There were no proceedings before the Magistrates.

Under the Cowsheds Act, I examined all these and found them all satisfactory, except in two cases, which your Inspector got rectified.

Under the Factory and Workshops Act, I inspected 12 out of the 17 workshops. All were found to be in a proper and sanitary condition. The others I previously found correct. There were inspected: Dress Makers, 4; Tailors, 2; Smiths, 1; Boot Makers, 1; Joiners, 1; Plumbers, 1; Harness Makers, 1; Bakers, 1.

The Isolation Hospital was not used by your district.

A good supply of spring water has been laid on to the Isolation Hospital, being a much needed requirement. The place has also been properly painted. No caretaker has yet been found, although such was advertised for.

The plans were passed for a new house at Silverton Terrace, and for extensive sanitary improvements, and practically new houses on the High Street (Mr. Snaith's), and two at the old Workhouse at the riverside.

Your Board and Officials have given much time and careful deliberations to the all-important question of the re-sewering of Rothbury, and its conveyance away by gravitation down the riverside, on the south side, to a site about $1\frac{1}{4}$ miles away, being near the Walk Low Farm. The Duke of Northumberland has agreed to grant this, with wayleaves, etc., after several conferences with his Commissioner. At this site the sewage will undergo bacteriological purification before it passes into the river. It is estimated that the scheme will cost about £5,500, which it hoped to spread over 30 years. Application has been made to the Local Government Board to borrow the money, and necessary notices served on the owners and occupiers outside the Urban district. Those inside the same will receive notice previous to the holding of a Local Government Board enquiry, which it is expected will be held ere long.

The Providence Lane drain has been blocked and opened out, so also has that behind Mr. Smailes'. Both are to be taken effectively in hand when the new sewers are re-laid.

The Slaughter Houses have been inspected both by myself and your Inspector from time to time and found tidy and in order.

Your Inspector regularly and systematically goes over the district, reporting every meeting upon the same to your Board.

The uncovered privy-ash middens at Addycomb Cottages have been brought to the notice of your Board; so far, they remain the same.

The Workhouse drainage needs proper provision.

I am again indebted to Mr. Bertram, of Cragside, for the following tables of Rainfall and Sunshine in the district during the year, at a site 405 feet above sea level.

January	...	...	...	3'15	inches.
February	...	...	...	1 12	„
March	...	...	...	2'03	„
April	...	...	...	0'89	„
May	...	...	...	5'82	„
June	...	...	...	2'34	„
July	...	...	...	1'77	„
August	...	...	...	4'27	„
September	..	...	...	0'79	„
October	...	...	...	7'98	„
November	...	...	...	3'31	„
December	...	...	...	2'66	„

Thus, there fell during the year, 36'13 inches. Last year there were 29'38, and the average is about 34'0 inches. There were 168 wet days, being days in which over 0'01 inches fell; last year there were 157 of such. The hours of sunshine were 1,552, against 1,543 of the previous year.

Your obedient servant,

F. BARROW,

Medical Officer of Health.

TABLE OF POPULATION, BIRTHS, AND DEATHS

In the Rothbury (Urban) District.

Year.	Population estimated to middle of each year.	Births.		Deaths under 1 Year of age.		Deaths at all ages. Total.		Total Deaths in Public Institutions in District.	Deaths of Non-Residents registered in District.	Deaths at all ages. Nett.	
		Number.	Rate.*	Number.	Rate per 1,000 Births.	Number.	Rate.*			Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12
1891	1192			District formed in 1896.							
1896	1250	24	19·2	2	83·3	15	12·0		2	13	10·3
1897	1260	39	30·0	5	128·0	23	18·2		1	22	17·4
1898	1270	33	26·0	2	60·6	26	20·5		1	25	19·7
1899	1280	21	16·4	2	95·2	22	17·2		5	17	13·3
1900	1290	37	30·8	4	103·1	29	22·5		2	27	21·0
1901	1300	27	20·8	4	148·1	26	20·0		1	25	19·2
†1902	1310	16	12·2	...	...	26	19·9		7	19	14·5
1903	1310	35	26·7	3	85·7	22	16·8		3	19	14·5
1904	1320	22	16·9	3	115·4	26	20·0		2	24	18·4
1905	1330	28	21·05	3	107·14	18	13·53		...	18	13·53
Averages for years 1896-1905.	1300	28	21·7	3	103·5	23	17·7		3	20	15·4
1906	1340	24	18·0	1	41·66	20	14·9			19	14·18

* Rates in columns 4, 8, and 12 calculated per 1,000 of estimated population.

† Waterworks started.

Area of District in acres (exclusive of area covered by water)	...	948
Total Population at all ages	...	1,303
Number of inhabited houses	...	293
Average number of persons per house	...	4·5

Under the Factory and Workshops Act, I inspected seven out of the eight on the Register, finding all correct and in a sanitary condition. The other was previously examined with like result. The occupations were:—Dressmakers, 3; Tailors, 2; Smiths, 1; Boot-makers, 1. There are no outdoor workers.

The Cowsheds were inspected and found all correct, with one exception at Long Framlington. This was rectified.

There were no proceedings taken before the Magistrates.

The Waterworks are nearing their completion. They have been kept in good sanitary condition; their needs being well attended to by their officials and workers.

The following Sanitary Improvements have been effected:—

At Low Trehwitt. A good spring-water supply (previously analysed and found correct) has been laid on to the farm house buildings and cottages. It is conveyed in iron pipes, properly lined, to a large storage tank north of the buildings, and hence on a higher level. This removes a long felt need of a good water supply. At the farm house a new sewer has been laid, with inspection chamber, and all down-spouts trapped before entering the same, it has also been extended.

At High Trehwitt. An excellent and extensive system of new 6-inch drainage has been completed to farm house, cottages, and out-buildings. Inspection chambers provided, down spouts trapped before entering and an intercepting tank also, and the overflow continued well away from the houses, etc.

Trehwitt Hall drain was extended, ventilated, and provided with an inspection chamber. The water supply was also completed here. The Lodge has been provided with a new w.c., and drain ventilated, an inspection chamber also built.

Snitter. Mr. Hall's, new sink and down-spouts. Mr. Charlton, sewer drain relaid and extended, ventilated, provided with inspection chamber, and all down-spouts trapped, with a new w.c.

South Cartington sewer extended, and new gullies and sinks provided.

Snitter Mill water supply completed, new sewers ventilated, with trapped sinks, and new down-spouts trapped. The farm buildings being all drained.

Wolvershield. The water has been brought from a spring on Ravensheugh Hill. A tank being provided, holding 4,000 gallons. The drain has been extended with inspection chamber.

Great Tosson. The Keeper's house has been provided with a sink and drain. Rain spouts repaired, and the water brought to the house.

Thropton. At Messrs. Turnbull's, the drain has been trapped, ventilated, and provided with an inspection chamber ; also a w.c. provided. New sinks and gullies with spouts and down-spouts. Also new piggeries and byres, spouted and drained.

Cottage. New sink and drain, and an ash midden provided.

Netherton Burn Foot farm house has been provided with new bath room, lavatory, and w.c. ; also new sewer drain with inspection chamber. Out-offices altered and improved ; the ashpit shifted away and covered in ; all down-spouts trapped.

Allerdene. Mr. Carr's back yard lowered and cemented. New sewer with inspection chamber provided, being ventilated, and all spouts trapped.

Whittle farm dairy enlarged. The manure receptacle removed 30 feet away from house, the calf house also, forming an open yard now. The water supply has been improved. New sewer drain laid for house, buildings, and cottages, ventilated and provided with inspection chamber ; and all down-spouts trapped.

New Town. At Mr. Howey's, a new water supply has been laid on to the farm house, buildings, and cottages. Mr. Nichol's sewer drain altered and extended.

Bankhead. A new sewer has been laid to farm house, and also to the cottages. The whole ventilated and conveyed to an intercepting tank, with the outlet carried away 300 yards. The soil below the house floor has been taken out and cemented under the joists.

Thropton Mains. The sewer has been extended and provided with inspection chamber. The sewage which discharged into the seal hole has now been turned away.

Tosson Lime Kiln. Mr. Proudlock's stable has been provided with a water supply.

Harbottle. At length, the much needed new water supply has been laid on to the village and Hall, and extended to the Manse. It has occupied a great deal of your Board's attention, as well as of the Committee and Officials. Mr. Fenwick-Clennell has taken the scheme in hand himself, and the water is brought by gravitation from a spring on the hillside. It is a good water and good supply. A w.c. and bath have been provided at the Manse.

Long Framlington. An entirely new drain has been provided to the New Inn, with inspection chamber, all trapped and ventilated. The school yard has been provided with a proper trapped gully.

High Farnham. The drains have been attended to, and a water supply laid on to Low Farnham.

Little Tosson. The cottages have been spouted.

At the Forest Burn Gate, the house has been well spouted and drained, as also the outbuildings, stable and byre.

At Alnham and the Castle Hill, great improvements have been effected. A good supply of water is laid on to the farm house, and the foul ditch is drained away and filled in.

At Wingates, a cottage has been supplied with proper privy and ash midden.

Whittingham. Mrs. Johnson and Wightman, new privies and ash middens. At the Lane, proper trapped gully for Henderson.

Mountain farm house, drain and gullies renewed.

Eslington Hall. Internal drain laid in iron pipes, all ventilated, and new gullies. The privy converted into a w.c.

Middle Barton. New privies and ashpits provided. New drains and down-spouts with trapped gullies. All buildings spouted, soil excavated to six feet below floor level at back of cottage, and cavity wall built.

Kirkhill. The privy and ash midden has been rectified, and other sanitary improvements effected.

Elsdon. The cow byre at Inn has been improved, and an iron ash bin has been provided; also new sink. Check Gate has been furnished with proper house sink and drain; also an iron ash bin.

Besides those mentioned above, the following are still required:—

Little Tosson. Proper sewer and sink, spouting, and better water supply. Castron. Improvement at drain outlet, and proper sink and drain to cottage. Clennell Street. Not completed existing needs. Peels. Proper privy and ash midden for blacksmith's cottage. Lee farm. Pond needs draining away. Onstead. All sanitary requirements; as also old Colliery Cottages.

Besides attending to many of the above, your Inspector (Mr. Clarkson) has also accompanied me in the following three special inspections, viz.:—Whittingham, Elsdon, and a district formed in the Forest, as below. Several requirements as mentioned above have been rectified, but others remain, as follows:—

Whittingham. Spouting at the back of reading room; proper ash midden and privy for Dickenson and Battensby; and Scott, the butcher, cautioned to keep his premises tidier. Elsdon. Very little to complain of. Check Gate not quite right. Forest District. As mentioned above, also a good water supply to the Gate, Cottage, Blagdon Burn, Holling Hill, Lee Lane, and the Hirst has a long carry. The Agent's attention has been drawn to this; also at the Gate Cottage, the ash midden should be covered in and the drainage turned out of it; needs a proper sink and drain: and pigstye drained. Holling Hill needs better drainage, and the privy roofs of the cottages turned out of the open ash midden, which should be covered over. Lee Lane needs spouting at back, open ash midden covered in, and the privy roof turned out of it. The sewer level is not good, and water supply is needed.

I am again indebted to Mr. Bertram, of Cragside, for the following tables of Rainfall and Sunshine in the district during the year, at a site 405 feet above sea level.

January	...	...	...	3'15	inches.
February	...	...	...	1 12	"
March	...	...	...	2'03	"
April	...	...	...	0'89	"
May ...	...	...	...	5'82	"
June ...	...	...	...	2'34	"
July ...	...	...	...	1'77	"
August	...	...	...	4'27	"
September	...	...	...	0'79	"
October	...	...	...	7'98	"
November	...	...	...	3'31	"
December	...	...	...	2'66	"

36'13 inches

Thus, there fell during the year, 36'13 inches. Last year there were 29'38, and the average is about 34'0 inches. There were 168 wet days, being days in which over 0'01 inches fell; last year there were 157 of such. The hours of sunshine were 1,552, against 1,543 of the previous year.

Your obedient servant,

F. BARROW,

Medical Officer of Health.

TABLE OF CAUSES OF, AND AGES, AT DEATH, during Year 1906, in Rothbury (Rural) District.

Causes of Death.	Deaths in whole District at subjoined ages.						Deaths in Localities (at all ages).							
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Rothbury Parish (Rural).	Alwinton.	Whittingham.	Long Framlington.	Alnham and Brinkburn.	Cambo and Elsdon.	Long Horsley and Netherwhiton.
Diphtheria ...	1		1		1		1	1	2	1	1			1
Epidemic influenza ...	1									1				
Phthisis (Pul Tuberculosis)	5				1	4		1						
Other tubercular diseases	1					1	2		1	2	1	1	1	
Cancer, malignant disease	5					3			1					
Bronchitis ...	2					1	1		1					
Pneumonia ...	4	1				3		1	2	1		1		
Premature birth ...	1	1						1						
Diseases and accidents of parturition ...	1									1				
Heart diseases ...	11					1	5	4	3	1			1	
Accidents ...	2					6	1	2		3				
Suicides ...	1					1			1					
Apoplexy ...	5					2	3		1	2		1	1	1
Debility from birth	4	4						2	1	4	2		1	
Senile decay...	11		1		1	2	11	2	1	1	2		2	
All other causes ...	9	4					1	2	2	1	2	1		1
All causes ...	64	10	2		2	25	25	16	14	15	7	3	6	3

Total Deaths of Non-Residents in the District:—Phthisis, 1; Accidents, 1; All other causes, 1 = 3.

TABLE OF INFANTILE MORTALITY DURING THE YEAR 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

Cause of Death.	Under 1 Week.	2-3 Weeks.	1-2 Months.	8-9 Months.	9-10 Months.	11-12 Months	Total Deaths under One Year.
All Causes (Certified)							10
Premature Birth ...	1						1
Congenital Defects				1			1
Debility ...	3	1					4
Convulsions ...					1		1
Pneumonia ...			1				1
Other causes ...	1					1	2
Totals ...	5	1	1	1	1	1	10

District of Rothbury (Rural).

Population estimated to middle of 1906, 4,915.

135 Births in the year { legitimate, 126.
 { illegitimate, 9.

Deaths { legitimate, 9.
 { illegitimate, 1.

Deaths from all Causes at all Ages, 64.

TABLE OF CASES OF INFECTIOUS DISEASE notified during the year 1906 in the Rothbury (Rural) District.

Notifiable Disease.	Cases notified in whole District.					Total Cases notified in each Locality.						
	At all Ages.	At Ages—Years.				Rothbury (Rural part of Parish).	Alwinton.	Whittingham.	Longframlington.	Alnham and Brinkburn.	Cambo and Elsdon.	Long Horsley and Netherwitton.
		1 to 5	5 to 15	15 to 25	25 to 65							
Diphtheria	3	3							2		1	
Erysipelas	6		1	3	1	4	1				1	
Scarlet Fever	9	2	7			4				4		1
Enteric Fever	1			1					1			
Totals	19	5	8	1	4	8	1		3	4	2	1

Only 1 patient removed to Hospital--a child from Nunnykirk (Netherwitton).
ISOLATION HOSPITAL near Whittou, in the Rural part of Rothbury Parish, provided with 12 beds.

TABLE OF POPULATION, BIRTHS, AND DEATHS

In the Rothbury (Rural) District.

Year.	Population estimated to middle of each year.	Births.		Deaths under 1 Year of age.		Deaths at all ages. Total.		Deaths of Non-Residents registered in District.	Deaths at all ages. Nett.	
		Number.	Rate.*	Number.	Rate per 1,000 Births.	Number.	Rate.*		Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11
1891	4791			District formed in 1896.						
1896	4790	131	27·29	10	76·33	81	16·85	2	79	16·45
1897	4770	112	23 0	14	125·0	56	11·69	3	53	9·0
1898	4750	115	24·2	11	95·6	88	18·41	1	87	18·2
1899	4730	114	23·5	10	88 0	60	12·26	1	59	12·0
1900	4710	115	24·4	16	139·1	95	19·8	6	89	18·5
1901	4690	96	20·4	11	114·6	67	14·3	3	64	13·6
†1902	4770	99	20 9	10	101·0	64	13·4	5	59	12·3
1903	4780	133	27·8	12	90 2	69	14·4	4	65	13·6
1904	4820	111	23·1	10	90·9	60	12·5	4	56	11·66
1905	4855	114	22·4	4	34·8	62	12·8	0	62	12·8
Averages for years 1896-1905.	4765	114	24·2	10	87·0	70	15·0	3	67	14·1
1906	4915	135	27·5	10	74·0	67	13·6	3	64	13·0

* Rates in columns 4, 8, and 11 calculated per 1,000 of estimated population.

† Waterworks started.

Area of District in acres (exclusive of area covered by water)	...	166,959
Total Population at all ages	...	4,689
Number of inhabited houses	...	1,041
Average number of persons per house	...	4·5

TABLE OF VITAL STATISTICS OF SEPARATE LOCALITIES IN 1906 AND PREVIOUS YEARS.

Names of Localities.		ROTHBURY (Rural part of Parish)				ALWINTON				WHITTINGHAM				LONGFRAMLINGTON				ALNHAM and BRINKBURN				CAMBO and ELSDON				LONGHORSLEY and NETHERWITTON.				Strangers
Year.		Population esti- mated to middle of each year.	Births regis- tered	Deaths at all ages	Deaths under 1 year	Population esti- mated to middle of each year.	Births regis- tered	Deaths at all ages	Deaths under 1 year	Population esti- mated to middle of each year.	Births regis- tered	Deaths at all ages	Deaths under 1 year	Population esti- mated to middle of each year.	Births regis- tered	Deaths at all ages	Deaths under 1 year	Population esti- mated to middle of each year.	Births regis- tered	Deaths at all ages	Deaths under 1 year	Population esti- mated to middle of each year.	Births regis- tered	Deaths at all ages	Deaths under 1 year	Population esti- mated to middle of each year.	Births regis- tered	Deaths at all ages	Deaths under 1 year	
1891	...	1358				1034				879				450				365				522				282				Included
1896	...	1321	32	30	3	Diminished 154	29	15	2	Diminished 92	20	11	1	Increased 19	20	7	3	Diminished 3	8	8	1	Increased 42	17	10	...	Increased 79	5	...	...	2
1897	...	1302	29	19	2		19	7	2		19	10	6		16	5	1		7	3	...		11	6	1		11	6	2	3
1898	...	1293	37	29	3		19	19	2		18	17	2		8	7	2		6	4	...		20	8	1		7	4	1	1
1899	...	1284	32	15	4		14	5	1		22	18	3		15	9	...		8	4	1		16	6	1		7	2	...	1
1900	...	1275	23	28	3		29	17	4		14	11	2		10	11	2		7	9	1		22	9	5		10	4	...	6
1901	...	1266	28	23	4	880	15	10	2	787	13	10	2	469	14	10	1	362	5	3	1	564	10	5	1	361	11	5	...	3
1902	...	*1350	29	19	4	870	16	11	1	780	18	7	1	470	8	13	2	360	2	2	...	565	17	6	2	365	9	1	...	5
1903	...	1380	39	22	6	860	22	6	2	770	22	10	...	470	15	10	1	360	5	5	...	570	18	8	3	370	12	4	...	4
1904	...	1420	42	19	3	860	11	8	...	770	10	10	1	470	11	9	3	360	6	2	...	570	10	5	2	370	15	3	1	4
1905	...	1420	32	17	2	860	16	18	1	770	18	7	...	470	8	7	...	365	9	3	...	570	17	8	1	†400	14	2	...	...
Averages of Years 1896 to 1905.		1380	32	22	3.5	930	18	11	1.7	800	17	11	1.8	470	11	9	1.5	360	6	5	0.4	550	15	7	1.7	350	10	3	0.4	Excluded
1906	...	1450	44	16	6	860	17	14	1	770	14	15	...	480	15	7	1	365	7	3	0	570	19	6	1	420	19	3	1	3

* Waterworks started.

† Extension of Waterworks.

